

DAMAGE SURVEY REPORT (DSR)
Emergency Watershed Protection Program – Recovery

Section 1A

Date of Report: 03/01/2006

DSR Number: 103-05-152K Project Number: _____

NRCS Entry Only

Eligible: YES ☒ NO ☐
Approved: YES ☒ NO ☐
Funding Priority Number (from Section 4) 1de
Limited Resource Area: YES ☐ NO ☒

Section 1B Sponsor Information

Sponsor Name: St. Tammany Parish

Address: P.O. Box 628

City/State/Zip: Covington, LA 70434-0628

Telephone Number: (985) 898-2552

Fax: (985) 898-5205

Section 1C Site Location Information

County: St. Tammany State: LA Congressional District: 01

Latitude: see comments Longitude: see comments Section: 31, 36, 40 Township: 8S Range: 13

UTM Coordinates: 16

Drainage Name: 19-CW1-33 (Dixie Ranch Rd.) Reach: 5,900 Ft.

Damage Description: Debris is reducing the capacity of Channel. Drainage is severely impeded. Debris consists mostly of trees.

Section 1D Site Evaluation

All answers in this Section must be YES in order to be eligible for EWP assistance.

| Site Eligibility | YES | NO | Remarks |
|--|-------------------------------------|--------------------------|-------------------------------------|
| Damage was a result of a natural disaster?* | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Hurricane Katrina - August 29, 2005 |
| Recovery measures would be for runoff retardation or soil erosion prevention?* | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Threat to life and/or property?* | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Event caused a sudden impairment in the watershed?* | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Imminent threat was created by this event?* | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| For structural repairs, not repaired twice within ten years?* | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Site Defensibility | | | |
| Economic, environmental, and social documentation adequate to warrant action (Go to pages 3, 4, 5 and 6 ***) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Proposed action technically viable? (Go to Page 9 ***) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |

Have all the appropriate steps been taken to ensure that all segments of the affected population have been informed of the EWP program and its possible effects? YES ☒ NO ☐

Comments: start: N 30.3157, W 89.8361
end : N 30.30807, W 89.84647

* Statutory

** Regulation

*** DSR Pages 3 through 5 are required to support the decisions recorded on this summary page. If additional space is needed on this or any other page in this form, add appropriate pages.

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Section 1E Proposed Action

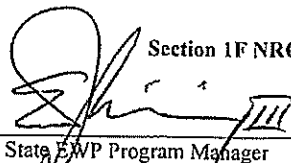
Describe the preferred alternative from Findings: Section 5 A:

Proposed Action- Debris removal with conventional equipment from channel and banks and haul 20 ft. beyond on side worked. Work one side only where possible. Haul debris to approved disposal area.

Total installation cost identified in this DSR: Section 3: \$ _____

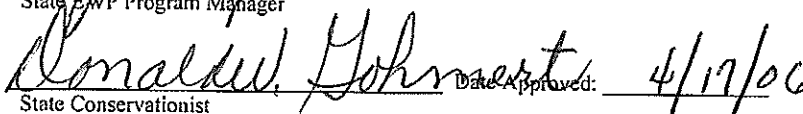
Section 1F NRCS State Office Review and Approval

Reviewed By:


State EWP Program Manager

Date Reviewed: 4/11/06

Approved By:


State Conservationist

Date Approved: 4/17/06

PRIVACY ACT AND PUBLIC BURDEN STATEMENT

NOTE: The following statement is made in accordance with the Privacy Act of 1974, (5 U.S.C. 552a) and the Paperwork Reduction Act of 1995, as amended. The authority for requesting the following information is 7 CFR 624 (EWP) and Section 216 of the Flood Control Act of 1950, Public Law 81-516, 33 U.S.C. 701b-1; and Section 403 of the Agricultural Credit Act of 1978, Public Law 95334, as amended by Section 382, of the Federal Agriculture Improvement and Reform Act of 1996, Public Law 104-127, 16 U.S.C. 2203. EWP, through local sponsors, provides emergency measures for runoff retardation and erosion control to areas where a sudden impairment of a watershed threatens life or property. The Secretary of Agriculture has delegated the administration of EWP to the Chief of NRCS on state, tribal and private lands.

Signing this form indicates the sponsor concurs and agrees to provide the regional cost-share to implement the EWP recovery measure(s) determined eligible by NRCS under the terms and conditions of the program authority. Failure to provide a signature will result in the applicant being unable to apply for or receive a grant the applicable program authorities. Once signed by the sponsor, this information may not be provided to other agencies, IRS, Department of Justice, or other State or Federal Law Enforcement agencies, and in response to a court or administrative tribunal.

The provisions of criminal and civil fraud statutes, including 18 U.S.C. 286, 287, 371, 641, 651, 1001; 15 U.S.C. 714m; and 31 U.S.C. 3729 may also be applicable to the information provided. According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0578-0030. The time required to complete this information collection is estimated to average 117/1.96 minutes/hours per response, including the time for reviewing instructions, searching existing data sources, field reviews, gathering, designing, and maintaining the data needed, and completing and reviewing the collection information.

USDA NONDISCRIMINATION STATEMENT

"The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202)720-2600 (voice and TDD). To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, SW., Washington, DC 20250-9410, or call (800)795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

Civil Rights Statement of Assurance

The program or activities conducted under this agreement will be in compliance with the nondiscrimination provisions contained in the Titles VI and VII of the Civil Rights Act of 1964, as amended; the Civil Rights Restoration Act of 1987 (Public Law 100-259); and other nondiscrimination statutes: namely, Section 504 of the Rehabilitation Act of 1973, Title IX of the Amendments of 1972, the Age Discrimination Act of 1975, and the Americans with Disabilities Act of 1990. They will also be in accordance with regulations of the Secretary of Agriculture (7 CFR 15, 15a, and 15b), which provide that no person in the United States shall on the grounds of race, color, national origin, gender, religion, age or disability, be excluded from participation in, be denied the benefits of, or otherwise subjected to discrimination under any program or activity receiving Federal financial assistance from the U.S. Department of Agriculture or any agency thereof.

Section 2 Environmental Evaluation

| 2A Resource Concerns | 2B Existing Condition | 2C Alternative Designation | | |
|----------------------------|--|--|--|--|
| | | Proposed Action | No Action | Alternative |
| | | Debris removal working from only one side of stream using conventional equipment | Leave debris in stream | Debris removal using helicopter for debris removal |
| 2D Effects of Alternatives | | | | |
| Soil | | | | |
| Bank erosion | est 20 % steep w/ bare areas & tree uprooting | reduce bank erosion-removing uprooted trees/natural reveget | est 20 % steep w/ bare areas & tree uprooting | reduce bank erosion-removing uprooted trees/natural revegetati |
| | | | | |
| | | | | |
| | | | | |
| Water | | | | |
| | | | | |
| DO/BOD | Decreased DO/ increased BOD blockage to water | restore DO/BOD similar to prestorm | continued decrease in DO/ increase in BOD | restore DO/BOD similar to prestorm |
| Overall Stream Health | SVAP = 5 = poor | SVAP would increase > 5 | SVAP would continue to decrease < 5 | SVAP would increase > 5 |
| | | | | |
| | | | | |
| Air | | | | |
| Air quality | Existing condition not impacting air quality | No impact to air quality | No impact to air quality | No impact to air quality |
| | | | | |
| | | | | |
| | | | | |
| Plant | | | | |
| Aquatic health/vigor | impaired due to storm debris | restore similar to prestorm condition | continued decrease until ecosystem stabilizes | restore similar to prestorm condition |
| Riparian habitat | abundant and dense habitat/ some broken trees | Habitat removal for equipment access - beneficial in longterm | The risk of flood damage increases - channel blockage | Habitat removal for equipment access - beneficial in longterm |
| | | | | |
| | | | | |
| Animal | | | | |
| Aquatic animals | Abundant aqua animals midstream-few d.s & none u.s | Improve aqua animal occurrence abundance, and diversity | Continued decline in aquatic animal life | Improve aqua animal occurrence abundance, and diversity |
| Forest animals | Forest supports abundant wildlife -mammals, birds, etc | Temporary/negligible effect due to habitat removal for access | Longterm risks associated with increased of channel floodi | Temporary/negligible effect due to habitat removal for access |
| | | | | |
| | | | | |
| Other | | | | |
| Stream aesthetics | Aesthetic quality decreased by debris and stagnant water | Improve by removing debris | Aesthetic quality decreased by debris and stagnant water | Improved by removing debris |
| Riparian aesthetic quality | Aesthetic value w/ slight impact from broken trees | Temp decrease at access | Decrease in longterm from cumulative impacts of debris | Temp decrease at access |
| Vector | Increased insect abundance due to stagnant water | Reduce stagnant/breeding | Increased insect abundance due to stagnant water | Reduce stagnant/breeding |
| | | | | |

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Section 2E Special Environmental Concerns

| Resource Consideration | Existing Condition | Alternatives and Effects | | |
|------------------------------------|---|---|---|--|
| | | Proposed Action | No Action | Alternative |
| Clean Water Act Waters of the U.S. | CWA jurisdiction - debris in channel affects water flow and water quality | CWA permit required - improve water quality and restore hydrology | Continued decrease in water quality w/ debris decomposition and altered hydrology | CWA permit required - improve water quality and restore hydrology |
| Coastal Zone Management Areas | Located in the Coastal Zone | Consistency Authorization Needed | Located in the Coastal Zone | Consistency Authorization needed |
| Coral Reefs | N/A | N/A | N/A | N/A |
| Cultural Resources | (FOTG) none observed on-site | (FOTG) none observed on-site | (FOTG) none observed on-site | (FOTG) none observed on-site |
| Endangered and Threatened Species | None observed. 6 known and 2 possible T&E species listed for Parish in FOTG - | None observed. 6 known and 2 possible T&E species listed for Parish in FOTG - | None observed. 6 known and 2 possible T&E species listed for Parish in FOTG - | None observed. 6 known and 2 possible T&E species listed for Parish in FOTG - |
| Environmental Justice | N/A | N/A | N/A | N/A |
| Essential Fish Habitat | (FOTG) No EFH - reference NOAA | (FOTG) No EFH | (FOTG) No EFH | (FOTG) No EFH |
| Fish and Wildlife Coordination | State level review by project type with USFWS&LDWF; Consultation not required for debris removal. | State level review by project type with USFWS&LDWF; Consultation not required and high numberd. | State level review by project type with USFWS&LDWF; Consultation not required. | State level review by project type with USFWS&LDWF; Consultation not required. |
| Floodplain Management | Located in 100-year flood plain. Potential impairment of function. | site located within 100-year floodplain restored to prestorm condition | Located in 100-year flood plain. Potential impairment of function.. | site located within 100-year floodplain restored to prestorm condition |
| Invasive Species | None noted | No effect | No effect | No effect |
| Migratory Birds | Abundant habitat at some points along reach- many observed during site visit | Proposed action will not have a significant adverse effect on habitat or population | Excess debris contributes to increased flooding and decreased habitat quality | No adverse effect on habitat during removal. |
| Natural Areas | (FOTG) None present | (FOTG) None present | (FOTG) None present | (FOTG) None present |
| Prime and Unique Farmlands | (FOTG) None present | N/A | N/A | N/A |
| Riparian Areas | Riparian habitat potential ot be impacted by flooding due to debris accumulation | Riparian habitat improved by debris removal although decrease at access points | Riparian habitat potential ot be impacted by flooding due to debris accumulation | Riparian habitat improved by debris removal although decrease at access points |
| Scenic Beauty | (FOTG) None present - no designated areas of Scenic Beauty within project area | N/A | N/A | N/A |
| Wetlands | Open water containing debris. Emergent/wooded wetlands possible, not noted at visit | Debris removed from open water and adjacent to stream. Wetlands not adversely impacted. | Open water containing debris. Emergent/wooded wetlands possible, not noted at visit | Debris removed from open water and adjacent to stream. Wetlands not adversely impact |
| Wild and Scenic Rivers | (FOTG) (LDWF scenic streams list) Not listed | (FOTG) (LDWF scenic streams list) Not listed | (FOTG) (LDWF scenic streams list) Not listed | (FOTG) (LDWF scenic streams list) Not listed |

Completed By: Monica Wallace

Date: 03/01/2006

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Section 2F Economic

This section must be completed by each alternative considered (attach additional sheets as necessary).

| | Future Damages (\$) | Damage Factor (%) | Near Term Damage Reduction |
|--|---------------------|-------------------|----------------------------|
| Properties Protected (Private) | | | |
| 20 Houses @ \$200,000 ea. | 4,000,000.00 | 25 | 1,000,000.00 |
| 8 Houses at \$125,000 ea. | 1,000,000.00 | 25 | 250,000.00 |
| | | | |
| Properties Protected (Public) | | | |
| | | | |
| | | | |
| | | | |
| Business Losses | | | |
| | | | |
| | | | |
| | | | |
| Other | | | |
| Cemetery damaged | 2,000.00 | 50 | 1,000.00 |
| | | | |
| | | | |
| | | | |
| Total Near Term Damage Reduction \$ | | | 1,251,000.00 |
| Net Benefit (Total Near Term Damage Reduction minus Cost from Section 3) | | | |

Completed By: Mike Mullenex

Date: 03/01/2006

Section 2G Social Consideration This section must be completed by each alternative considered**(attach additional sheets as necessary).**

| | YES | NO | Remarks |
|---|-------------------------------------|-------------------------------------|---|
| Has there been a loss of life as a result of the watershed impairment? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Not in the immediate area but several deaths attributable to the storm occurred in the Parish |
| Is there the potential for loss of life due to damages from the watershed impairment? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Has access to a hospital or medical facility been impaired by watershed impairment? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Yes - many downed trees blocking access |
| Has the community as a whole been adversely impacted by the watershed impairment (life and property ceases to operate in a normal capacity) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Impairment increased flooding impacts throughout the community |
| Is there a lack or has there been a reduction of public safety due to watershed impairment? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |

Completed By: Mike Mullenex Date: 03/01/2006

DSR NO: _____
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Section 2H Group Representation and Disability Information

This section is completed only for the preferred alternative selected.

| Group Representation | Number |
|--|--------|
| American Indian/Alaska Native Female Hispanic | |
| American Indian/Alaska Native Female Non-Hispanic | |
| American Indian/Alaska Native Male Hispanic | |
| American Indian/Alaska Native Male Non-Hispanic | |
| Asian Female Hispanic | |
| Asian Female Non-Hispanic | |
| Asian Male Hispanic | |
| Asian Male Non-Hispanic | |
| Black or African American Female Hispanic | |
| Black or African American Female Non-Hispanic | 10 |
| Black or African American Male Hispanic | |
| Black or African American Male Non-Hispanic | 9 |
| Hawaiian Native/Pacific Islander Female Hispanic | |
| Hawaiian Native/Pacific Islander Female Non-Hispanic | |
| Hawaiian Native/Pacific Islander Male Hispanic | |
| Hawaiian Native/Pacific Islander Male Non-Hispanic | |
| White Female Hispanic | 1 |
| White Female Non-Hispanic | 39 |
| White Male Hispanic | 1 |
| White Male Non-Hispanic | 38 |
| Total Group | 98 |

Census tract(s) T041204, BG1

Completed By: Mike Mullenex Date: 03/01/2006

DSR NO: 103-05-152K

Section 2I. Required consultation or coordination between the lead agency and/or the RFO and another governmental unit including tribes:

Easements, permissions, or permits:

Access permission will be required.

CWA permit prior to debris removal in channel (COE).

Water Quality Certification (LDEQ)

Consistency Authorization needed(LDNR CMD)

Mitigation Description:

Access debris from only one side of channel, may alternate sides to minimize work related damages/disturbances and costs. Work should be conducted on alternate sides of channel to minimize damage to riparian areas and residential areas, whenever possible. If needed, reseeding will be used to reestablish vegetation. Debris removal will conducted during consecutive days to minimize disturbance to surrounding wildlife and residents.

Agencies, persons, and references consulted, or to be consulted:

COE
LDEQ
LDWF
LDNR CMD

St. Tammany Parish Government
Private landowners

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Section 4 NRCS EWP Funding Priority

Complete the following section to compute the funding priority for the recovery measures in this application (see instructions on page 10).

| Priority Ranking Criteria | Yes | No | | Ranking Number Plus Modifier |
|---|-------------------------------------|--------------------------|-----------------|------------------------------|
| 1. Is this an exigency situation? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | 1 d, e |
| 2. Is this a site where there is serious, but not immediate threat to human life? | <input type="checkbox"/> | <input type="checkbox"/> | | |
| 3. Is this a site where buildings, utilities, or other important infrastructure components are threatened? | <input type="checkbox"/> | <input type="checkbox"/> | | |
| 4. Is this site a funding priority established by the NRCS Chief? | <input type="checkbox"/> | <input type="checkbox"/> | | |
| The following are modifiers for the above criteria | | | Modifier | |
| a. Will the proposed action or alternatives protect or conserve federally-listed threatened and endangered species or critical habitat? | | | | |
| b. Will the proposed action or alternatives protect or conserve cultural sites listed on the National Register of Historic Places? | | | | |
| c. Will the proposed action or alternatives protect or conserve prime or important farmland? | | | | |
| d. Will the proposed action or alternatives protect or conserve existing wetlands? | | | d | |
| a. Will the proposed action or alternatives maintain or improve current water quality conditions? | | | e | |
| f. Will the proposed action or alternatives protect or conserve unique habitat, including but not limited to, areas inhabited by State-listed species, fish and wildlife management area, or State identified sensitive habitats? | | | | |

Enter priority computation in Section 1A, NRCS Entry, Funding priority number.

Remarks:

DSR NO: 103-05-152K

Section 5A Findings

Finding: Indicate the preferred alternative from Section 2 (Enter to Section 1E):

The proposed action is described in section 1E. The proposed action is the preferred alternative. The proposed action is the least costly alternative that achieves the restoration objectives, maximizes environmental benefits, and is socially acceptable.


I have considered the effects of the action and the alternatives on the Environmental Economic, Social; the Special Environmental Concerns; and the extraordinary circumstances (40 CFR 1508.27).

☒ Has been sufficiently analyzed in the EWP PEIS (reference all that apply)
Chapter 5.2.2.1.2
Chapter _____
Chapter _____
Chapter _____
Chapter _____

_____ May require the preparation of an environmental assessment or environmental impact statement.
The action will be referred to the NRCS State Office on this date:

NRCS representative of the DSR team

Title: Soil Conservationist

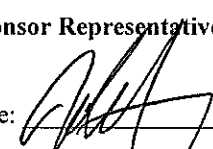

Date: 03/01/2006

Section 5B Comments:

Section 5C

Sponsor Concurrence:

Sponsor Representative

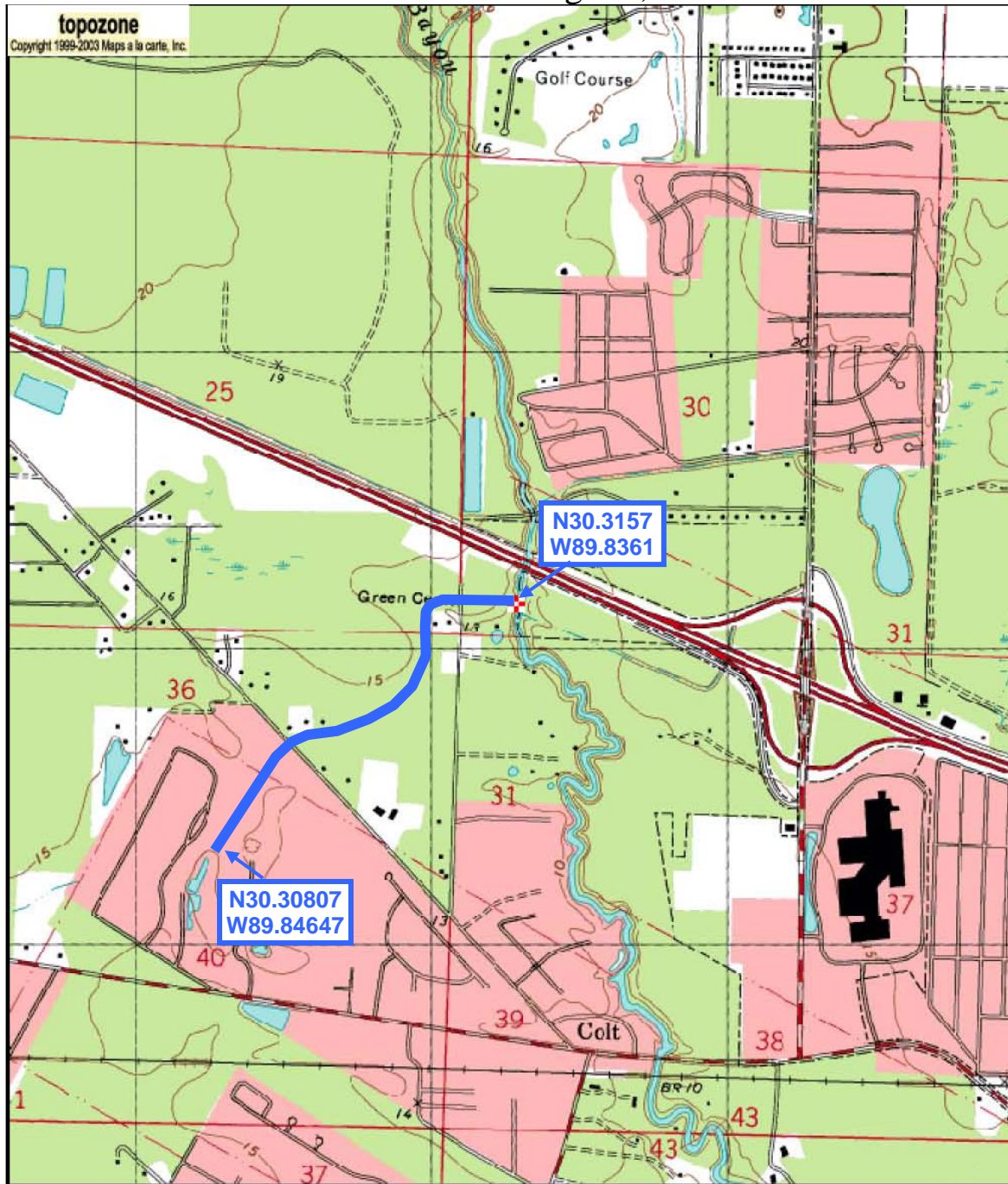
Title:  STP Drainage Eng

Date: 03/21/06

Section 6 Attachments:

- A. Location Map
- B. Site Plan or Sketches
- C. Other (explain)

TOPO MAP
DSR 103-05-152K
19-CW1-33, Dixie Ranch Road
St. Tammany Parish
Estimated Total Length 5,900 LF



Map center is 30.3157°N, 89.8361°W (WGS84/NAD83)

Slidell quadrangle

Projection is UTM Zone 16 NAD83 Datum

M=0.385
G=-1.433